ANNUAL INDEX: VOLUME 60, 1999

Authors

*** Indicates a book reviewer**
**** Indicates a correspondent**

Aasal, R. 586
Agostinelli, G. 685
Allen, S.H. 310
Alterman, A.I. 176
Ames, G.M. 383
Amick, B. 261
Ansara, D. 756
Arciniegas, D. 586

Bachman, J.G. 800
Baer, J.S. 555
Bailey, S.L. 234
Baker, E. 595
Banken, J.A. 271
Barnes, G.M. 491
Barrett, D.C. 837
Basil, M.D. 667
Bates, M.E. 846
Beatty, R. 70
Beauvais, F. 719*
Becker, H. 172
Beel, A. 47
Bein, E. 837
Bell, N. 261
Bennett, M.E. 605
Bennett, R.H. 322
Beresford, T.P. 103, 586
Berman, S. 306
Birdthistle, I.J. 27
Bisson, J. 368
Bjork, J.M. 322
Blow, F.C. 825
Bocchi, C. 776
Bondy, S. 203
Botvin, G.J. 595
Bradizza, C.M. 491
Brambilla, F. 776
Bravo, M. 790
Brigham, N.L. 521
Brinkley, G.L. 759
Brown, S.A. 500
Bruce, K.R. 130
Bucholz, K.K. 653
Buka, S.L. 27
Byers, T. 99

Cacciola, J.S. 176
Caces, M.F. 647
Cadaveira, F. 509
Campbell, J. 188
Canino, G. 790
Carbonneau, R. 293
Carpenter, K.M. 694, 769
Carr, L.G. 784
Carrieri, K. 278
Carroll, K.M. 252
Cervigni, C. 581
Chang, G. 306
Chassin, L. 18
Cherpitel, C.J. 705
Clayton, R.R. 521, 622
Cockerham, W.C. 663
Cohen, D. 310
Coles, C.D. 884*
Collins, R.L. 90
Colon, S.E. 622
Connett, J.E. 740
Connor, J.P. 643
Connors, G.J. 252
Corral, M.M. 509
Costa, F.M. 352, 480
Cote, J. 261
Crosby, G.M. 837
Cunningham, J.A. 463, 756
Curran, G.M. 825

Daeppen, J.-B. 589
Dale, T.M. 188
D'Amico, E.J. 54
Dazzi, D. 581
Deitrich, R.A. 149
Del Boca, F.K. 252
Delsignore, R. 776
Demers, A. 368
Demo-Dananberg, L. 103
Dengler, R. 172
DeWit, D.J. 867
Diaz, T. 595
Dickinson, D. 362
Dijk, A. 228
Domínguez-García, Á. 228
Donohew, R.L. 622
Donovan, J.E. 352
Dougherty, D.M. 322
Drake, R.E. 278
Drop, M.J. 120
Dyskin, E.V. 47

Eagle Elk, M. 149
Eaves, L.J. 293
Eisen, S.A. 653
Emrich, H.M. 172
Endicott, J. 746
Epstein, J.A. 595

Febo, V.E. 790
Fernández, R.L. 790
Finney, J.W. 437, 856
Fitzgerald, J.L. 139**
Flynn, M. 139**
Forman, T.A. 800
Fors, S.W. 514
Frick, U. 203
Friel, P.N. 555
Fromme, K. 54
Fuentes-Almendras, M. 228

Gabriel, K.R. 159
Gallen, R. 817
Garretsen, H.F.L. 725
Gerra, G. 776
Giesbrecht, N. 378
Gill, K. 149
Glassman, M. 64
Glavy, J.S. 413
Gloster, S.P. 833
Goetz, M.A. 306
Goldberg, J. 653
Graham, J.D. 407
Graham, K. 345
Granholm, E. 500
Grant, B.F. 422, 746
Greenfield, T.K. 78, 528, 732
Grube, J.W. 383
Gruenewald, P.J. 47
Guthrie, B.J. 800

Haacker, T. 172
Hajema, K.-J. 120
Handmaker, N.S. 285
Hanna, E.Z. 647
Hansell, S. 209
Harford, T.C. 647
Harrington, N.G. 521
Hasin, D.S. 181, 422, 694, 746, 769, 790
Hassanein, R.E. 188
Heath, A.C. 653
Henderson, E. 159
Henriksen, L. 362
Hewitt, J.K. 293
Hill, E.M. 103, 825
Hill, S.Y. 7
Hirsch, J.A. 413
Holguín, S.R. 509
Horn, S.M. 784
Howland, J. 261
Hoyle, R.H. 622
Huggins, J. 70
Hughey, J. 430*
Humphreys, K. 810
Hwang, S.-S. 663

Isaac, N.E. 407

Jaccard, J. 37
Jackson, C. 362
Jessor, R. 352, 480
Johnson, M.L. 784
Johnson, P.B. 64

Johnson, V. 137*, 605
Johnston, L.D. 800
Jones, A.W. 400

Kaplan, S. 310
Kaplowitz, M.S. 437
Kaskutas, L.A. 810
Katz, E.C. 54
Kennedy, B.P. 407
Kenny, J.F. 139**
Knibbe, R.A. 120
Korkmaz, S. 546
Koski-Jännes, A. 756
Kroll, L. 817
Kunitz, S.J. 159

Lampert, K. 159
Larimer, M.E. 884*
Latimer, W. 337
Lee, M. 261
Lee, M. 810
Leonard, K.E. 537
Levine, S. 261
Levy, J.E. 159
Lindquist, C. 663
Lipton, R.I. 111
Liskow, B.I. 188
Liu, Y. 149
Logan, B.K. 555
Lucey, M.R. 103
Lyons, M.J. 653

McCloskey, J. 159
McCrady, B.S. 605
Macdonald, S.A. 378
McGrath, C.E. 18
McKay, J.R. 176, 566
Mackenbach, J.P. 725
McLellan, A.T. 176
Maes, H.H. 293
Magnussen, S. 873
Maibach, E.W. 667
Mangione, T.W. 261
Manicke, M. 285
Mardones, J. 168
Martinic, M. 430*
Mattson, M.E. 252
Mayerovitch, J.I. 130
Melchert, T.P. 271
Meyer, J.M. 293
Miles, K.M. 278
Miller, B.A. 632
Miller, T.L. 817
Miller, W.R. 285
Moeller, F.G. 322
Moggi, F. 856
Mokdad, A.H. 99
Moos, B.S. 437
Moos, R.H. 437, 856
Mora-Ripoll, R. 228
Morgenstern, J. 846
Mudar, P.J. 632
Mudd, S.A. 825
Mueser, K.T. 278
Mulford, H.A. 139**
Müller-Vahl, K.R. 172
Murphy, C.M. 317
Murray, R.P. 740
Murrelle, L. 293
Myers, M.G. 500, 712

Neale, M.C. 293
Negro, R. 581
Nelson, T.F. 407
Nicholson, B. 37
Nickel, E.J. 188
Nilssen, O. 111
Noble, E. 188
Nordby, K. 873
Nye, E.C. 685

O'Farrell, T.J. 317
Ogborne, A.C. 867
O'Malley, D. 555
O'Malley, P.M. 800
Ortiz, M.T. 139**
Ouimette, P.C. 856

Palluy, J. 368
Pandina, R.J. 605
Paul, J.P. 837
Paykin, A. 181, 746, 769
Pearson, P. 879
Pendergast, D.R. 413
Penick, E.C. 188
Perkins, H.W. 219
Pezzarossa, A. 581
Pickles, A. 293
Pihl, R.O. 130
Pinsky, I. 394
Pollack, M. 139**
Powell, B.J. 188

Quigley, B.M. 90, 537
Quintero, G. 159

Raanaas, R.K. 873
Raggi, M.A. 776
Ramírez, R. 790
Randall, C.L. 252, 472
Rankin, J. 719*
Rehm, J. 203, 740
Reifman, A. 491
Reite, M. 586
Ricciardelli, L.A. 643
Rice, R.E. 622
Roberts, J.S. 252
Rogers, J.D. 78, 732
Rojas, D. 586
Rojek, D.G. 514
Romeis, J.C. 653
Room, R. 448
Rosenberg, S.D. 278
Rothman, R. 139**
Rubio-Stipec, M. 790
Russell, S. 159
Rutherford, M.J. 176
Rutter, M. 293
Ryan, C.M. 70

Salleras-Sanmartí, L. 228
Sandberg, E. 586
San José, B. 725
Sartori, R. 776
Schafer, J. 528
Scherrer, J.F. 653
Schmidt, G. 345
Schmidt, L. 448
Schneider, U. 172
Schoenfeld-Smith, K. 589
Schuckit, M.A. 589, 784
Schulze-Bonhage, A. 172
Scott, K.D. 528
Scribner, R. 310
Serdula, M.K. 99
Sexton, H. 111
Shacket, R.W. 615
Shaten, J. 740
Sheeder, J. 586
Shestowsky, J.S. 130
Siegel, P.Z. 99
Silberg, J.L. 293
Silva, M.T.A. 394
Simmons, J.R. 817
Simonoff, E. 293
Skinner, W.F. 622
Slater, M.D. 667
Slutske, W.S. 653
Smart, R.G. 467
Smith, G.T. 817
Smith, J.E. 685
Smith, T.L. 589, 784
Smyth, N.J. 632
Stall, R.D. 837
Stice, E. 712
Stinchfield, R.D. 337
Stockwell, T. 47
Stoltenberg, S.F. 825
Swora, M.G. 137*

Tampier, L. 168
Tapert, S.F. 500
Teale, P. 586
Thevos, A.K. 472
Thomas, S.E. 472
Thomas, V.H. 271
Timko, C. 437
Timney, B. 879
Timpano, M. 776
Toneatto, T. 756
True, W.R. 653
Tsuang, M.T. 653
Turbin, M.S. 480
Turrisi, R. 37

Vali, F.M. 209
Van de Mheen, H. 725
Van Hutton, V. 317
Van Oers, J.A.M. 725
Vescovi, P.P. 581
Vidaver, R. 278
Vince, A. 159

Wagner, E.F. 712
Wahlström, G. 546
Walitzer, K.S. 430*
Wall, T.L. 784
Wallace, J.M., Jr. 800

Walsh, G. 467
Waterman, B. 653
Watson, A.L. 18
Watten, R.G. 873
Weisner, C. 810
Wells, S.L. 378
Welte, J.W. 245
West, P.M. 378
White, H.R. 209
Wieczorek, W.F. 245
Wild, T.C. 756
Wilkins-Haug, L. 306
Williams, G.D. 647
Williams, R.J. 643, 833
Windle, M. 330
Winters, K.C. 337
Wohlfarth, K. 172
Wolford, G. 278
Woodard, C.E. 293
York, J.L. 413
Young, J.P. 103
Yu, J. 615
Yuan, H. 7
Zack, M. 675
Zaimovic, A. 776
Zambelli, U. 776
Zanichelli, V. 776
Zedler, M. 172
Zhang, L. 245
Zucker, R.A. 825

ANNUAL INDEX: VOLUME 60, 1999

Subjects

*** Indicates book review**
**** Indicates correspondence**
† Indicates editor's corner

Absenteeism, workplace, 262
Abstinence
  periods of stable, 568
  and rates of workplace injury, 266-67
  resolve for, 464, 569
Abstinence Violation Effect (AVE), 569-71
Academic achievement, in adolescent children of alcoholics, 18-26
Acamprosate, effects on memory, 172-75
Acetaminophen (APAP) hepatotoxicity, 139-40**
Achlorhydria, controlling for, 104, 107
Addiction Research Foundation, 203
Addiction Severity Index (ASI), 812
Addiction Treatment Attitude Questionnaire (ATAQ), 849
Adolescent Alcohol Involvement Scale (AAIS), 8-10
Adolescent Diagnostic Interview (ADI), 337-40
Adolescent drinkers
  and changing behavioral patterns, 352-53, 360
  health effects in, beverage-specific, 209-18
  heavy, and later problems with alcohol, 7
  initiation of drinking, and family density of alcoholism, 7-17
  marijuana use among, 237, 240, 337-44, 622-31
  mental health effects in, beverage-specific, 209-18
  motives of
    and predicting misuse, 491-99
    role of neurocognitive abilities in relapses, 500-508
  and parental drinking, 602
    closeness factor, 245-51
    gender factor, 249-50
    mediational analysis of, 24
  prevalence of consumption among, in wine-growing Mediterranean region, 228-33
  psychosocial and behavioral correlates of, 352-61, 595-604
  religious attendance among, 237, 240-41, 295
    protective value of, 301
  sensation-seeking tendency in, 621-31
  stress-coping model of addiction in, 712-18
  substance abuse among, etiology of, 293-305
  suicidal ideation among, 237, 239, 241
  transition into, risk and protective factors, 480-90
  violent behavior among, 237, 240
Adolescent Relapse Coping Questionnaire (ARCQ), 503, 507
Adult children of alcoholics (ACOAs), inducing aggressiveness in, 776-83
Advertising alcoholic beverages, 86-88
  frequency and content analysis of, 394-99
Affective disorders, *see* Psychiatric comorbidity; Psychological disorders of alcoholism
Age differences, *see* Adolescent drinkers; Minimum drinking age laws; Older drinkers; Younger drinkers
Agency, problems of the chronically addicted with, 137-38*
Aggressiveness (*see also* Assaults; Domestic violence; Psychological disorders of alcoholism)
  in adult children of alcoholics (ACOAs), inducing experimentally, 776-83
  cumulative alcohol dosing effects on, 322-29
  ethnicity factors in, 65-67, 69
  gender factors in, 65-67, 69
  mothers' history of, 635
  in newlyweds, event-based analysis of drinking in, 537-45
  reducing, 535
  verbal, 637
Aging and Independence Survey, 347
AIDS epidemic, and intoxicated sexual risk taking, 54-63
  among gay men, 70-79
AIDS Risk Reduction Model (ARRM), 838
AL-ANON, 884*
Alateen, 780
Alcohol abusers, *see* Drinkers
Alcohol and Drug Consequences Questionnaire, 757
Alcohol and Drug Treatment Program (ADTP), 590
Alcohol and Health Monograph, 78
Alcohol availability
  government regulation of, 139**, 378
  in Hispanic and black communities, 603
  homicide rates and, 310-16
  workplace drinking and, 383-93
Alcohol challenge paradigms, 785
Alcohol Clinical Index (ACI), 279, 281
Alcohol consumption, *see* Drinking
Alcohol dehydrogenase (ADH) polymorphism, 149
Alcohol dependence (AD)
  classifications of, and cross-cultural applicability, 448-62
  relationship to family history, and moderating effects of gender differences, 825-32
  short-term courses of, and other at-risk drinkers in household, 769-75
  symptoms of, 453-58
    elevated levels of gamma-glutamyltransferase (GGT), 589-94
    reciprocal neuroendocrine alterations, 586-88
Alcohol Dependence Scale (ADS), 414, 416, 420, 439, 475, 477, 503, 540, 643-45
Alcohol dependence symptoms (ADSX), 827-29
Alcohol effects, 679-80 (*see also* Aggressiveness; Health effects; Psychological disorders of alcoholism)
  attention deficit disorder (ADD), 675
  executive function impairment, relationship to treatment outcomes, 846-55
  flush reaction, among Asian drinkers, 104
  glucagon secretion, 581-85
  harm minimization
    reliability and validity of scale for surveys, 203-8
    what works, 430*
  hypothermia, 168-71
  immunosuppression, 74
  impaired driving (*see also* DUI/DWI)
    planned avoidance of, 407-12
  inhibition conflict, and sexual risk taking, 54-55
  lifetime prevalence of, 165-67
  loss of control, 65-66, 68-69
    ethnicity factors in, 65-66, 68-69
    gender factors in, 65-66, 68-69

memory impairment
effects of acamprosate on, 172-75
effects of moderate drinking on, 873-78
individual differences in, 130-36
measuring, 62
motor impairment, 168-71
muscle dysfunction, in detoxified alcoholics, 413-21
physical, 431*
on sensory processing, 879-83
sexual expectancy, 54-63
triggering cocaine relapses, 176-80
on workplace performance, delayed, 262, 268
Alcohol expectancies, 680, 682
moderating effects of gender and ethnicity, 64-69
and risky sexual practices, 54-63
stress and anxiety reduction, 64-65
Alcohol Expectancy Questionnaire (AEQ), 132, 134, 859
Alcoholic beverages (*see also* Beer drinking; Spirits; Wine drinking)
advertising, 86-88
consumption of, *see* drinking
measures of, *see* frequency measures; quantity measures
parents controlling in home, and alcohol use by children, 362
sales of
data on, 80
in on-premise drinking places, 47-53
specific
and impact on adolescent drinkers' health, 209-18
questions about *versus* grouped-beverage questions, 99-102
taxing, 138*
Alcoholics, *see* Drinkers
Alcoholics Anonymous (AA)
attendance predicting better outcomes, 569
blacks attending, 810-15
college students attending, 884*
gay men attending, 838
improving minority representation in, 810-16
improving self-reporting, 572
in the Netherlands, 123
as treatment, 437-38, 440, 444-46, 464
most widely used source of, 867-68
Alcohol industry, 720* (*see also* Alcohol availability; Alcohol servers; Bar owners; Drinking places; Liquor stores)
government regulation of, 138*
Alcohol-involved fatally injured drivers (AIFIDs), 408
Alcoholism (*see also* Family history of alcohol disorders; Psychological disorders of alcoholism; Relapses)
complicated, 199
development of, "telescoped" among women, 252-60
disease model of, 186
and health-related quality of life, sociodemographic measures of, 653-62
within marriages, 368
prodromal conditions to, 185
severity of
and emotional suffering, 200
perceived threshold of, 449
and psychiatric comorbidity, 200
and social impairment, 200
symptoms of, 453-58
Type A *versus* Type B, 189
typologies of, comparative validity, 188-202
Alcohol metabolism
involving aldehyde dehydrogenase (ALDH2) genotype
and flushing response in Native Americans, 149-58
and genetically mediated variability in risk factors in Asian Americans, 784-89
kinetics of, 109
measuring, 103-8
Alcohol or other drug problems (AOD) diagnosis, and mothers' punitiveness toward their children, 632-42
Alcohol-related mortality
assessing, 742
relationship with average alcohol intake
confounded by social integration, 740-45
U-shaped, 725-31
Alcohol Research Center Intake Interview (ARCII), 331
Alcohol Research Group (ARG), 79-80, 733, 811
Alcohol servers
literacy levels of, 35
training intervention
cognitive analysis of, 37-46
long-term effects of, 27-36
Alcohol Severity Index (ASI), 280
Alcohol tolerance
assessing, 343
defined, 453
ethanol sensitivity and acute, 168-71, 400
and homozygosity for *ALDH2*2* allele, 784-85, 787
Alcohol treatment center (ACT) inpatient units, 331
Alcohol Use Disorder Identification Test (AUDIT) instrument, 757
Clinical Procedure, 279, 281-82
Core Questionnaire, 113, 307
Alcohol Use Disorders and Associated Disabilities Interview Schedule (AUDADIS), 182-83, 424, 696-98, 748, 750-51, 771
Spanish version, reliability of, 790-99
Alcohol Use Inventory (AUI), 191, 194-200
advantages of, 200
predictive power of, 199-200
Aldehyde dehydrogenase (ALDH)
deficiencies among Native Americans, 149-51, 157
genotype of
and flushing response, in Native Americans, 149-58
and polymorphisms, 149
in Asian Americans, 784-89
*ALDH*2* allele genotyping, 149-50, 154, 784-89
homozygosity in, 784
American Psychiatric Association, 273, 448, 463, 466, 478, 827 (*see also* Diagnostic and Statistical Manual of Mental Disorders)
Amount consumed, *see* Frequency measures; Quantity measures
Amyl nitrite use, in gay men, 70, 72, 74
Analgesic use, dangers to chronic alcohol abusers, 139-40**
ANCOHET model, 286
Anger expression, predicting child abuse potential, 634
Animal studies, on rats
differences in ethanol sensitivity and acute tolerance, 168-71
physical dependence after treatments with benzodiazepines, 546-54
Anthropological approach, 137-38*
Antisocial personality (ASP) disorder, *see* Psychological disorders of alcoholism
Anxiety, *see* Psychological disorders of alcoholism
Approval of drinking, *see* Drinking
Arginine
metabolic responses, in chronic alcoholics, 581-85
tolerance test (ATT), 582
Arrests, reducing repeat, for DUI/DWI (driving under the influence/driving while intoxicated), 514-20
Assaults (*see also* Homicide rates)
role of alcohol in, 528-36

Attitudes, cluster analysis of, 667-74
Authoritative Parenting Index, 364
Availability, *see* Alcohol availability
Awareness of drinking, *see* Self-focusing

BACCuS software, 285
Bar owners
  policies adopted by, 37, 39-45
  services provided to customers, 44-46
  TIPS-trained, 38
Beck Anxiety Inventory, 272
Beck Depression Inventory (BDI), 173-74, 272, 474-76, 571, 698
Beer drinking
  correlated with heavy drinking, 617
  and most hazardous alcohol consumption, 732-39
  predictor of drinking while driving, 467
  preferred by younger male drinkers, 210
Behavioral marital therapy (BMT) program, 317-21
Behavioral Risk Factor Surveillance System (BRFSS), 99, 101, 663
Benzodiazepine, physical dependence after treatments with, 546-54
Beverages, *see* Alcoholic beverages; individual beverages
Biochemical factors (*see also* Pharmacokinetic effects)
  in family history of alcoholism, 776-83
Bioelectric impedance methodology, 414
Biphasic Alcohol Effects Scale (BAES), 131-32, 134
Bipolar disorder, *see* Psychiatric comorbidity
Black drinkers
  epidemiology of youth, 800-809
  moderating factors, among inner-city adolescents, 595-604
Blood alcohol concentrations (BACs), 28, 90, 93-96, 432*
  assessing, 152, 677
    computerized, 881
  customer exit, 37-38
  following previous night's intoxication and sleep, 261-62
  highest measured, 400-406
  increasing with age, 103-10
  peak, 153, 285-87
  in roadside breath tests, 48, 51-52
Blood aldehyde determinations, 152
BMDP software package, 10
Box-Jenkins estimates, 650
Bramley Bill (Rhode Island), 35
Breath alcohol concentrations (BrACs), 874-75
  ethanol dosing required to reach peak, 555-65
Brief Drinker Profile (BDP), 285
Brief Psychiatric Symptom Inventory, 859
Brief Symptom Inventory (BSI), 849
Buffalo Longitudinal Survey of Young Men (BLSYM), 246, 249
Buffalo Newlywed Study (BNS), 539
Bureau of the Census, 423, 665, 747, 760-61
Bureau of Economic Analysis, 649
Buss-Durkee Hostility Inventory (BDHI), 777-78, 780

CAGE (Cut Down on Drinking, Annoyed, Guilt and Eye-opener) test, 205-6, 263, 266, 279, 281, 307, 468-70
  compared with TWEAK test, 705-11
Cahalan drinking classification procedure, 503
California Psychological Inventory, 474-75
  Good Impression Scale, 40
California Verbal Learning Test (CVLT), 503
Campus Office of Substance Abuse Prevention (COSAP) survey, 686-87
Canadian Alcohol and Drug Survey (CADS), 463-66, 468, 868
Catchment approach, weakness of, 431*
Category Test (CAT), Booklet version, 849-50, 852
Center for Epidemiological Studies-Depression Scale (CES-D), 347
Centers for Disease Control and Prevention (CDC), 99, 306, 663
Central nervous system (CNS) effects
  depressant, 274, 552, 675
  excitation, 547
  stimulant, 274
Cerebral spinal fluid (CSF), serotonin metabolites in, 776
Certificates of confidentiality, 20, 161, 307
Change processes, in 12-step treatment, 846-55
Child Abuse and Neglect Enforcement Act of 1997, 633
Child Abuse Potential (CAP) Inventory, 633, 636
Child and Adolescent Psychiatric Assessment (CAPA) semistructured interview, 295
Child physical abuse (CPA), rates in families with alcohol or other drug problems, 633
Child Protective Services, 633
Child-rearing, mediating women's drinking, 369, 376
Children
  alcohol use by, and parental socialization, 362-67
  perceptions of parental drinking, 817-24
  punitiveness towards, and mothers' alcohol and other drug problems, 632-42
Children of alcoholics (COAs)
  academic achievement in adolescent, 18-26
  adult (ACOAs), inducing aggressiveness in, 776-83
  neuropsychological characteristics of, and familial density, 509-13
Children of Alcoholics Life-Events Schedule, 818
Children's Embedded Figures Test (CEFT), 510-11
Child sexual abuse (CSA), rates in families with alcohol or other drug problems, 633
Chi-squared Automatic Interaction Detector (CHAID) analysis, 237-42
Chromatography
  headspace gas (HS-GC), 401
  high-pressure liquid, 547, 779
Chronic drinkers
  assessing, 123-24, 769-75
    and metabolic response to arginine infusion, 581-85
  malnutrition in, 140**
  and predisposition to acetaminophen toxicity, 139-40**
  understanding, 137-38*
Cigarette smoking, *see* Smoking
Circadian rhythms, compensating for, 778
CLARITAS database, 408
"Cleaning" samples of alcoholics, 8
Clinical research units (CRUs), 253
Clinical validity
  of alcohol-related harm scale for surveys, 203-8
  comparative typologies of, 188-202
  of Spanish version of the Alcohol Use Disorders and Associated Disabilities Interview Schedule (AUDADIS), 790-99
Clinician Rating Scales (CRS), 279
"Clinimetric" approach, 205
Cloninger typology, 192, 198-200
Closeness, and influence of parental drinking in adolescent alcohol abuse, 245-51
Cluster analytic models, 667-74
  generating, 668
  validating, 672
Cocaine Anonymous (CA), 812-14
Cocaine Relapse Interview (CRI), 177, 179, 568
Cocaine use
  in gay men, 70, 72, 74
  relapses related to alcohol use, 176-80, 275
Cognitive and Personality Factors Family Study, 8
Cognitive Appraisal of Risky Events (CARE-R) questionnaire, 56-57

Cognitive behavioral control (CBC) factor, 643-45
Cognitive-behavioral model, of relapse, 567-68
Cognitive emotional preoccupation (CEP) factor, 643-45
Cognitive function
  home stimulation for children of alcoholics, 19
  impaired by alcohol, 54-63
College of American Pathologists, 590
College students, *see* Student drinkers
Community Alcohol Abuse and Injury Prevention Project (CAAIPP), 27-36
Community-based studies
  of diagnosis bases, 181-87
  of HIV infection, 76
Community drinking practices, 349
  gatekeeper approach to, 35
  role of alcohol servers in, 27
  systems approach to prevention, 431-32*
Community Epidemiology Laboratory (CEL), 811
Community Oriented Program Environment Scale, 859
Comorbidity
  of alcoholism and social phobia, 472-79
  of cocaine relapses and alcohol use, 176-80
  in parental alcohol abuse, and predicting adolescent alcohol abuse, 8
  psychiatric, 258
    modeling effective treatment factors for, 856-66
    and severity of alcoholism, 200
  of substance dependence and personality disorders, 271-77
Competitive Reaction Time Task, 322
Complex Figure Test, 511
Composite International Diagnostic Interview (CIDI), 448, 451, 707, 790, 792
Computed tomography imaging, 420
Computerized Diagnostic Interview Schedule (C-DIS), 473-74
Computerized studies, 875 (*see also* individual software programs)
Concern about drinking (CAD) factor, 643, 645
Condom use
  among gay men, 71
  frequency of intoxicated, 58-59
Conduct disorder (CD), *see* Psychological disorders of alcoholism
Conflict Inventory, 539
Conflict Tactics Scale (CTS), 539-40, 633, 635-36
Consumption of alcohol, *see* Drinking
Content analysis, of alcohol advertising, 394-99
  themes of, 399
Continuing Recovery Groups (CRGs), 838-42
Control, defining impaired, 455
Controlled substances, *see* Substance use disorders; individual controlled substances
Coping Assistance Battery, 608
Coping reasons for adolescent drinking
  and predicting alcohol misuse, 491-99
  and relapses to alcohol and drug use, role of neurocognitive abilities in, 500-508
Cortisol, 779-80
  aggressiveness correlated with, 777
Cox proportional hazards regression model, 10-12, 485, 496
Cravings, defined, 455
Credit cards in liquor stores, impact on drinking patterns, 378-82
Criminal activity, *see* Arrests; Domestic violence; Homicide rates
Critical flicker fusion (CFF) frequency, 879-83
Cross-classification, of psychopathy and ASPD, 333
Cross-cultural applicability
  of classifications of alcohol dependence, 448-62
  of evaluations of alcohol dependence, 790-99
Cross-Cultural Applicability Research Project (CAR), 448-62
Cross-lagged causal modeling, 113-19
Cross-sectional studies, 75, 214, 268, 315, 494-95, 648
Cross-validation design, 474
Cultural variability, *see* Drinking, problems with
Customary Drinking and Drug Use Record (CDDR), 503-4
Cytochrome P-450 mixed-function oxidase pathway, inducing, 140**

Daily Drinking Questionnaire (DDQ), 56, 60
Decisional Balance Measure (DBM), 686-90
Decision making, in seeking help for drinking problems, 121
Denver Indian Health and Family Services (DIHFS), 150
Department of Commerce, 649, 651
Department of Health and Human Services, 20
Department of Labor, 649
Department of Veterans Affairs (VA) Medical Centers, 20, 189, 318, 590
  treatment programs in, 856-65
Depression, *see* Psychological disorders of alcoholism
Desired Server Behavior Index (DSBI), 31-33
Detoxification
  muscle performance in, 413-21
  programs for, 438, 446
Diagnostic and Statistical Manual of Mental Disorders (DSM-III)
  criteria for alcoholism, 9, 19, 189-90, 330, 694
  criteria for ASPD, 282-83, 332, 336
Diagnostic and Statistical Manual of Mental Disorders (DSM-III-R), 590
  criteria for alcohol dependence, 73-74, 151, 161, 164, 176, 183, 185, 253, 473, 502, 591-92, 654-55, 694, 696, 705, 746, 770-71, 791, 827
  criteria for ASPD, 282-83, 331
  criteria for drug dependence, 73-74, 259, 279, 282, 337-43
  criteria for lifetime psychiatric diagnoses, 655-56
  criteria for social phobia, 472-79
  Structured Clinical Interview for, 71-73, 307
Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)
  criteria for alcohol dependence, 131, 235, 237, 337-44, 448-62, 586, 654, 694-705, 707-8, 710, 736, 770-73, 777, 791-97
    validity of, 181-87
      limited to drunk driving, 746-55
  criteria for ASPD, 332, 336, 473
  criteria for drug dependence, 337-44, 848, 884-85
  criteria for mental disorders, 423-24
  subtyping alcoholics in, 189
Diagnostic and Statistical Manual of Mental Disorders (DSM-PC), for private care physicians, 343
Diagnostic Interview Schedule (DIS), 8, 65, 104, 161, 448, 451, 790, 797
  Computerized (C-DIS), 473-74
Diazepam, physical dependence after treatments with, 546-54
Digit span test, 173
Discharge Information Form, 859
Discriminant function analyses (DFAs), 610-11
Disease model of alcoholism, 186
Diseases, *see* Health effects
Disinhibition, *see* Alcohol effects
Dissertation Abstracts, 91
Disulfiram, 179
Divorce rates, and alcohol consumption, 647-52
Domestic violence
  before and after alcoholism treatment, 317-21
  and alcohol abuse, 633-34
  in newlyweds, 537-45
  and victimization of women, 534-35
Drinker Inventory of Consequences (DrInC), 253

Drinkers (*see also* Adolescent drinkers; Children; Chronic drinkers; Older drinkers; Parents; Pregnant drinkers; Younger drinkers)
at-risk in household, and short-term courses of alcohol dependence, 769-75
Canadian population of, lifetime help-seeking among, 867-72
"cleaning" samples of, 8
heaviest
blood alcohol concentrations of, 400-406
price sensitivity of, 87
underrepresented in studies, 84
in the U.S., 78-89
homeless, rates of alcohol disorders in, 84
resolving problems without treatment, 120
services provided by bar owners to, 44-46
U.S., population of
suicidal ideation among, 422-29
typologies characterizing, 667-74
with and without social phobia, 472-79
Drinking, 78 (*see also* Abstinence; Detoxification; Inebriation; Relapses; Withdrawal)
approval of
by co-workers, of workplace drinking, 388
by parents, of alcohol use by children, 362
by peers, 623-24
assessing, 482, 556, 649, 741
beverage-specific *versus* grouped-beverage questions in, 99-102
detailed instruments for, hidden costs of using, 756-58
severity of problems with, 120-21, 234-44
causes of, linked to socioeconomic factors, 759-68
community practices, 27
developmental, 884*
and divorce rates, 647-52
experimental, 598-99
food effects during, 109
frequency, predictive of problem drinking, 243
heavy
and affect on workplace performance, 262
among beer drinkers, 617
among older men, 350
among wine drinkers, 467-71
defining, 72, 183
and divorce and separation, 647-52
episodic, 410-11, 664-65, 730
historical perspective, 431
initiation of
and conduct disorder, 163
and family density of alcoholism, 7-17
and risk of adolescent alcohol abuse, 362
landmark events associated with, gender differences in, 252-60
modeling, 90-98
moderate, 464
effects on immediate number recall, 873-78
motives
for alcohol misuse in adolescents, 491-99
assessing, 221
coping with negative affect, 694-704
onset of
in adolescents, and family density of alcoholism, 7-17
and landmark events, 258
patterns of
in the American Deep South, 663-66
among social networks, 124-25
among youthful problem drinkers, 605-14
changes following introduction of credit cards in liquor stores, 378-82
and consequences, 720*
and depression, 118-19
discontinuous, 605, 611
harm resulting from, 430*
and health effects, 725-31
impacting, 139**
most hazardous linked to beer, 732-39
versus quantity of, 88
problems with
controlling, in the workplace, 269
defining
among younger drinkers, 234-44, 605-14
cross-culturally, 448-62
in the workplace, 263
different criteria for, 463-66
maturing out of, 612
recognizing, by self-focusing, 685-93
screening for, in general population, 705-11
reduced, 85
restraint in, gender differences in, 643-46
stress as motive for, in younger drinkers, 219-27
Drinking-driving (DD)
defined, 621
related to riding with drunk drivers, 615-21
Drinking-in-the-event variables, 531, 533-34
Drinking Motives Questionnaire, 332
Drinking places, role in DUI/DWI (driving under the influence/driving while intoxicated), 47-53
Drug Abuse Screening Test (DAST), 279, 281
Drug Indulgence Index, 503
Drug use (*see also* Prescription drugs for anxiety or depression ; Substance use disorders; individual controlled substances)
by adolescents
and ethnicity, 719*
temptations for, 712-18
correcting for, 423-24
defined, 295, 801
frequency measures of, 339
problems collecting data on, 267
DSTAT meta-analytic software, 91
Dual diagnosis patients, *see* Comorbidity
DUI/DWI (driving under the influence/driving while intoxicated), 242
legislating penalties for, 138
programs for, 812
reducing rearrest rates of, with Victim Impact Panels, 514-20
role of on-premise drinking places in, 47-53
serving policies aimed at reducing, 37-46
Duke Social Support and Stress Scale, 347
Dyadic Adjustment Scale, 295
Dysfunction/disinhibition hypothesis, 75

Early Recovery Groups (ERGs), 838-39
Edinburgh Inventory, 511
Educational efforts
aimed at fraternity and sorority members, 521-27
aimed at public, 430*
aimed at reducing DUI/DWI (driving under the influence/driving while intoxicated), 44-45
Victim Impact Panels, 514-20
aimed at women, 431*
workplace, 269
Electric Diaries, 570

Electroencephalographic (EEG) threshold testing, 547-48, 552
Embedded Figures Test (EFT), 510-11
Emotional suffering, and severity of alcoholism, 200
Employee assistance programs, 269
Employee drinking practices, and work performance, 261-70
Employment status, impact on drinking patterns, 127
Encephalopathy, chronic, 140**
Environmental factors, *see* Family history of alcohol disorders
Enzyme Multiple Immunoassay Technique–Drug Abuse Urine Assay, 323
Epidemiological Catchment Area (ECA) Study, 20, 65, 159, 161, 181, 282, 472, 633, 706, 825
Epidemiologic studies, 73-74, 99, 300, 800-809
  comparative, 790-800
Epi Info 6 software, 228-29
Epinephrine, 777, 779-80
Epiphenomena model, 695-96, 698-702
Ethanol dosing, required to reach peak breath alcohol concentrations (BrACs), 555-65
Ethanol sensitivity, and acute tolerance, 168-71
Ethnic differences
  acculturation, 69
    a protective factor for some Hispanic youth, 719*
  in Alcoholics Anonymous affiliation, at treatment intake, 810-16
  in comparing CAGE and TWEAK tests, 705-11
  and drug use, among adolescents, 719*
  epidemiology of substance abuse, among black youth, 800-809
  evaluating, with Spanish version of the Alcohol Use Disorders and Associated Disabilities Interview Schedule (AUDADIS), 790-99
  flushing response
    among Asian drinkers, 104
    among Native American drinkers, 149-58
  genetically mediated variability in risk factors, in Asian Americans with ALDH2 polymorphisms, 784-89
  Irish drinkers, 65-66, 69
  knowledge about fetal alcohol syndrome (FAS), among Native Canadians, 833-36
  low self-rating responses to alcohol, among Korean respondants, 788
  moderating effects
    on alcohol use among inner-city Hispanic and black adolescents, 595-604
    on relationship between alcohol problems and alcohol expectancies, 64-69
Ethnographic studies, 65, 385
Ethylene-diamine-tetraacetic acid (EDTA), 779
Event-based analyses (*see also* Drinking-in-the-event variables)
  of husband marital aggression, 537-45
Expectancies, *see* Alcohol expectancies
Expectations for Academic Achievement scale, 355
Expectations for Independence scale, 355
Exploratory/Confirmatory (E/C) analysis, 474-75
Extroversion, mediating or moderating familial loading, 13-14
Eysenck Personality Questionnaire (EPQ), 131

Family Adaptability and Cohesion Scales (FACES), 246
Family Adaptability and Family Togetherness Scale, 295
Family Environment Scale, Child's version, 15
Family History Assessment Module (FHAM), 826
Family history (FH) of alcohol disorders, 7-17
  biochemical factors, 776-83
  genetic factors, 7, 15
  moderating factors, gender differences, 825-32
  and neuropsychological characteristics, in children of alcoholics, 509-13
  and onset of drinking, in adolescents, 7-17
  predictive validity of, 8
    poor, 200
  and pregnant drinkers, 287
  and short-term courses of alcohol dependence, 769-75
  and suicidal ideation, 427
Family History–Research Diagnostic Criteria (FH-RDC), 20, 332
Family Informant Schedule and Criteria (FISC) list, 826
Family organization, mediating effects of parental alcoholism, for children of alcoholics, 19
Fasting studies, *versus* fed, 109
Fatal Accident Reporting System (FARS) study, 407-8
Feighner diagnostic criteria, 9
Fetal alcohol syndrome (FAS), 885*
  increasing rates of, 306
  preventing, 285-87
"File-drawer problem," 95
5-hydroxy-Indol-Acetic Acid (5-HIAA), low levels of, 776
Flushing response, among Oriental drinkers, 104, 149-58
Focus groups, research advantages of, 63
Follow-up Drinker Profile (FDP), 286
Follow-up Information Form (FIF), 859
Food effects during drinking, 109 (*see also* Malnutrition)
  in chronic alcoholics, on metabolic response to arginine, 581-85
Four Factor Index of Social Status, 9
Fraternity drinking, *see* Student drinkers
Frequency measures (*see also* Quantity-frequency indices)
  of alcohol advertising, 394-99
  graduated, 80, 83, 733-34

GABA receptors, 172, 552
  challenges to, 776
Gamma-glutamyltransferase (GGT), elevated levels symptomatic of alcohol dependence, 589-94
Gastric alcohol dehydrogenase (ADH) activity, 103, 107-9
Gastric emptying studies, 103-10
Gay men
  psychological processes in, 72
  risk of HIV infection, and substance use disorders, 70-77, 837-45
Gender differences (*see also* Men; Women)
  absent, in impairment effects, 217-18
  in comparing CAGE and TWEAK tests, 705-11
  in influence of parental drinking, on adolescent drinkers, 249-50
  in landmark events associated with drinking, 252-60
  moderating effects
    on relationship between alcohol dependence and family history, 825-32
    on relationship between alcohol problems and alcohol expectancies, 64-69
  in restraining drinking, 643-46
  and stress-motivated drinking, in younger drinkers, 219-27
Generalizing model, 695, 698—702
General Life Events Schedule for Children (GLESC), 21
General Severity Index (GSI), 190-93, 195-98
Genetic factors
  distinguishing from environmental, 301
  in ethanol sensitivity, 168-71
  in family history of alcoholism, 7, 15
  in substance abuse, among adolescent twins, 293-305
Geocoding, 311
Global Assessment Scale (GAS), 190, 195-98
GLOBE study, 726
Good Impression Scale, 40
Government regulation
  of alcohol availability, 139**, 378, 430*
  of alcohol industry, 138*

Graduated frequencies (GF), *see* Frequency measures
Granger's causality test, 649-50
  methodology, 762-64
  time series analyses, 759-68
Growth hormone, 777, 779-80
Guidelines, developing for ethanol administration, 555-65
Guttman scale, probabilistic version, 205

Halstead-Reitan Battery, 848
HANES I, 78
Harmful use
  defined, 457
  lowest among wine-only drinkers, 469
"Hassle" factor, 42, 45
Hausman specification tests, 49
"Hazard ratios" (HR), 496
Health and Daily Living (HDL) Form, 414, 439, 859
Health and Habits Survey, 307-8
Health and Human Development Project (HHDP), 607
Health Behavior Project, 353-54
Health Behavior Study, 353-54
Health Behaviour School Children Survey, 232
Health effects (*see also* Alcohol-related mortality; Psychological disorders of alcoholism)
  beverage-specific, on adolescent drinkers, 209-18
  coronary heart disease (CHD), 741
  listed, 86, 213
  liver cirrhosis, 85-86
    decompensated, 140**
    diagnosing, 589-94
  and patterns of drinking, 725-31
  which limit gastric emptying, 104
Health-related quality of life (HRQL), in alcoholism, and socio-demographic measures, 653-62
Heilman's warning signs, 339
Help seeking
  decision making in, 121
  lifetime, 867-72
Hepatic alcohol dehydrogenase (ADH) activity, 109
Hexobarbital testing, 547
High school students, *see* Adolescent drinkers
Hippocampal volume, compared with pituitary volume, 586-88
Hispanic drinkers, moderating factors, among inner-city adolescents, 595-604
HIV infection
  community-based studies of, 76
  curbing, 430*
  risks in gay men, and substance use disorders, 70-77
Hollingshead Four Factor Index of Social Status, 9, 255, 414
Homeless drinkers, *see* Drinkers
Homicide rates, and alcohol availability, 310-16
Hopelessness, *see* Psychological disorders of alcoholism
Hostility, *see* Aggressiveness
Human Subjects Committees, 556
Hypercortisolemia, 586-88
Hypochlorhydria, controlling for, 104, 108

Identity formation, disruptions to, 137-38*
Impact of Alcoholic Beverage Warning Labels study, 79-80
Impulsivity, 530
Independence-Achievement Value Discrepancy index, 355
Index of Social Position, 192
Indian Health Service (IHS), 160
Individual differences
  in alcohol effect on memory, 130-36
  in performance, modifying, 675-84
  in pharmacokinetic parameters, 559-63
Inebriation, recovery from gross, 405
Information and Referral (I&R) centers, 438-39, 446
Information technology, impact of drinking on, 873-78
Inhibition conflict, *see* Alcohol effects
Initiation of drinking, *see* Drinking
Inpatient treatment populations
  antisocial personality disorders (ASPDs) in, 330-36
  personality disorders (PDs) in, 271-77
Institute of Medicine, 87, 463
Institute of Survey Research (ISR), 79, 529, 654, 706
Institutional Review Boards, 210, 502, 586
Intake Information Form (IIF), 859
Intensive outpatient rehabilitation program (IOP), 176-77, 179
Interaction effects, 216, 684 (*see also* Closeness)
Intercourse, *see* Gay men; Sexual risk taking
International Center for Alcohol Policies, 720*
International Classification of Diseases
  Version 9 (ICD-9-CM), 189, 858
  Version 10 (ICD-10), 205
    coding abuse diagnoses, 181, 448-62, 705, 707-8, 710, 771, 790
      limited to hazardous use, 746
    validity of, 460
Interventions
  specialized, 7
  targeting, towards adolescents with mental or physical health problems, 218
  in training of alcohol servers, long-term effects of, 27-36
Interviews
  semistructured, 295, 384
  telephone, 203-8, 379, 408, 615, 654, 663
    random digit dial (RDD), 79, 464, 492-93, 868
  Time-Line Follow-Back (TLFB), 176-80, 307-8, 318
  videotaped, 71
Intolerance of Deviance scale, 355
Intravenous (IV) drug use, 75
Iowa Tests of Basic Skills (ITBS), 21
Irish drinkers, 65-66, 69

Joint Project on Diagnosis and Classification of Mental Disorders, Alcohol- and Drug-Related Problems, 451
Junior Eysenck Personality Inventory (JEPI), 10, 14-15

Kiddie-Schedule for Affective Disorders and Schizophrenia (K-SADS), 8-9
  Expanded, 10

Landmark events
  associated with drinking
    age-of-onset for, 258
    gender differences in, 252-60
    order of, 255-57
  cultural assumptions about, 450
Lang skin-fold caliper, 414
Liability-threshold model, 293
Licensed premises, 48
LIDO-Active Isokinetic Apparatus, 414-15
Life Events Questionnaire, 757
Life Stressors and Social Resources Inventory, 439
Liquor stores
  introduction of credit cards in, and changes in drinking patterns, 378-82
  location of, 310-16, 431-32*

LISREL-8 analyses, 211, 215, 355, 618
Liver enzymes, 590
Loevinger's H_{ii}, 204
Logical Memory text, 131
Logical regression analyses, 73, 183, 229, 427, 494, 518, 530, 597-600, 737
Longitudinal studies, 317-21, 352-61, 437-47, 595-614
Long-term potentiation (LTP), diminished, 172, 174
Lorazepam, physical dependence after treatments with, 546-54
Louisiana Alcohol Policy Needs Assessment Database (LAPNAD), 311

MADD Server Training Program, 38
Magnetic resonance imaging (MRI), 420, 587
Major depressive episode (MDE) diagnosis, 475-76, 586 (*see also* Psychological disorders of alcoholism)
Malnutrition, in chronic drinkers, 140**
Manifest anxiety, mediating or moderating familial loading, 13-14
Manifest Anxiety Scale (MAS), Children's Revised, 10, 13-14
MapMarker software, 311
Marijuana use
  in adolescent drinkers, 237, 240, 337-44
    comparing temptation with alcohol use, 712-18
  in black youths, 800-809
  in gay men, 70, 72
  and workplace settings, 264, 268
Marital status (*see also* Divorce rates)
  heightening barrier to suicidal ideation, 426-26
  impact on drinking patterns, 127
    among adolescent drinkers, 242
    among newlyweds, 537-45
  and wives' convergence with their husbands' alcohol use, social conditions as mediators, 368-77
Marital violence, *see* Domestic violence
Marlatt relapse coding system, 568
Massachusetts Server Training Program, 38
Mediational analysis, of parental alcohol abuse, impact on adolescent alcohol abuse, 24
Medical History Questionnaire, 78
Medical Outcomes Study (MOS)
  SF-36 design measures, 654-59
    modifications to, 661
    psychometrics of, 655
  Short Form -20 (SF20), 654-55
Mehrfachwahl-Wortschatz Intelligence Test, 173
Memory impairment, *see* Alcohol effects
Men (*see also* Gay men)
  heavier drinking by, 69
  and marital aggression in newlyweds, 537-45
  norms associating drinking with, 220
  sip volume in, 96
  younger
    preference for beer, 210
    preventing aggressive behavior in, 535
Mental illnesses, *see* Psychiatric comorbidity
Meta-analyses, 528, 877
  defined, 90
Metabolic effects, *see* Alcohol metabolism
Metropolitan statistical areas (MSAs), 801
Michaelis-Menten kinetics, 405
Michigan Alcoholism Screening Test (MAST), 279, 281, 307, 318, 707, 817-20
  brief version (BMAST), 131, 705
  German version, 173
Micro TSP software, 649
Millon Clinical Multiaxial Inventory-II, 271
Mini-Mental State Examination (MMSE), 279
  Spanish version, 792
Minimum drinking age laws, 310
Minnesota Community Training Program, 38
Minnesota Multiphasic Personality Inventory (MMPI), 190-91, 193-99, 777-78
  MacAndrew Scale, 193
MIXOR software, 841
Modeling paradigm
  for manipulating alcohol intake, 97
  meta-analytic review of, 90-98
Models of alcohol use
  parents
    and alcohol use by children, 362
    and children's perceptions of, 817-24
  peers, 482-89, 622-31
Moderate drinking, *see* Drinking
Mokken scaling, 204-6
Monitoring, *see* Parents
Monitoring the Future Study (MFS), 300, 360, 595, 801
Mortality, *see* Alcohol-related mortality
Motherhood, *see* Child-rearing; Fetal Alcohol Syndrome (FAS); Parents; Pregnant drinkers
Mothers Against Drunk Driving (MADD), 514
Motivational interviewing (MI), of pregnant drinkers, 285-87
Multicenter AIDS Cohort Study, 71
Multiple Risk Factor Intervention Trial (MRFIT), 740-45
Münchner Alkoholismus Test, 173
Muscle dysfunction, *see* Alcohol effects
Myopathy, *see* Alcohol effects

N-acetyl-p-benzo-quinoneimine (NAPQI), producing, 140**
Naltrexone, 179
Narcotics Anonymous (NA), 812-14
  blacks attending, 810
  college students attending, 884*
  gay men attending, 838
National Alcohol and Drug Survey, 468
1990 National Alcohol Survey (NAS), 79-81
1995/96 National Alcohol Survey (NAS), 733
National Center for Health Statistics, 78, 649
National Centre for Research into the Prevention of Drug Abuse, 48
National Comorbidity Survey, 472, 478, 825
National Crime Information Center (NCIC), 516
National Family Violence Re-Survey, 318
National Health Interview Survey, 705
National Highway Traffic Safety Administration (NHTSA), 27, 29-30, 407-8, 617
National Household Survey on Drug Abuse, 300-301
National Institute of Mental Health (NIMH), Epidemiological Catchment Area studies, 65
National Institute on Alcohol Abuse and Alcoholism (NIAAA), 78, 86, 185, 279, 306, 423, 649, 696, 747, 760
  National Health Interview Study, 467, 470
  reports to Congress, 139**
National Institute on Drug Abuse, 300
National Longitudinal Alcohol Epidemiologic Survey (NLAES), 422-29, 705, 747, 770
National Research Council, 87
National Study of Adolescent Drinking, 353
National Survey of Drinking and Driving Attitudes and Behavior, 408
National Traffic Council (CONTRAN), 394-99

Native American drinkers
alcohol dependence among Navajo Indians, and conduct disorder, 159-67
alcohol metabolism among, 156-57
flushing response in, and aldehyde dehydrogenase (ALDH2) genotype, 149-58
Naturalistic methods, 63
Navy Server Study, 38
Near real time reporting technology, 570-71, 574
Negative affect, drinking to cope with, 694-704
Negative continued use expectancies (NCUE), 849
Neighborhood bars, *see* Alcohol availability
NEO Personality Inventory, 849
Neural inhibition, modulation by alcohol, 882
Neurocognitive abilities, role in coping reasons for adolescent drinking, and relapses to alcohol and drug use, 500-508
Neuroendocrine alterations
associated with risk for alcoholism, 776-83
symptomatic of alcohol dependence, 586-88
Neuropsychological characteristics
of children of alcoholics, and familial density, 509-13
impairment, and relationship to treatment outcomes, 846-55
New York State Office of Alcoholism and Substance Abuse Services, 616
Nicotinamide adenine dinucleotide (NAD) availability, 109
Nitrites, *see* Amyl nitrite use
N-methyl-D-aspartate (NMDA) receptors, 172, 174
Norepinephrine, 777, 779-80
aggressiveness correlated with, 782
Nosological studies, 181, 343
Nottingham Health Profile, 727
Number Cruncher Statistical Package software, 416
Number entry tasks, affected by moderate drinking, 873-78

Observational learning model, 817
Office of Alcohol and Substance Abuse Services (OASAS), 331
Older drinkers
and higher blood alcohol concentrations, 103-10
psychosocial well-being among, 345-51
Onset of drinking, *see* Drinking
Oral glucose tolerance test (OGTT), 581
Outcomes, *see* Treatment
Outcomes Expectancies Scale, 860
Outlet density, *see* Alcohol availability

Pancreatic hormones, rate of release of, 584
Parental Punitiveness Scale (PPS), 636
Parent-Friends Compatibility scale, 355
Parents
alcohol abuse by
and adolescent alcohol abuse
closeness factor in, 245-51
comorbidity in predicting, 8
mediational analysis of, 24
and punitiveness towards children, 632-42
modeling alcohol use
and alcohol use by children, 362
children's perceptions of, 817-24
monitoring alcohol in home, and alcohol use by children, 362
socialization by, and alcohol use by children, 362-67
Parent *versus* Friends' Influence scale, 355
Pathologies, controlling in samples of alcoholics, 8, 19
Patterns, *see* Drinking
Peabody Individual Achievement Test, 18
Perceptions
by Canadians, of alcohol-related harms, 870
by children, of parental drinking, 817-24
by young adults, of sexual risk taking, 62-63
Perpetration, *see* Assaults
Personal Attributes Questionnaire, 539
Personal Experience Inventory (PEI), 337, 714
Personal Involvement Screen (PIS), 714
Personality Diagnostic Questionnaire-Revised (PDQ-R), 778
Personality disorders (PDs), *see* Psychological disorders of alcoholism
Pharmacokinetic effects (*see also* Alcohol metabolism)
of benzodiazepines, 546-54
of ethanol dosing, 556-63
Phonemic Word Fluency Test (FAS), 848, 850
Physical Child Abuse scale, 636
Physiological Response to Alcohol Questionnaire, 150-52
Pitt Men's Study, 71-72
Pituitary volume, compared with hippocampal volume, 586-88
Place-of-last-drink data, 48-52
Plasma glucose levels, 583-84
Plasma norepinephrine, aggressiveness correlated with, 777
Point Subtraction Aggression Paradigm (PSAP), 323-24, 326-27
Policy issues
and bar owners' practices, 37, 39-45
concerning heaviest drinkers in the U.S., 78-89
concerning workplace drinking, 269, 384
in the harm minimization approach, 430*
influence of alcohol industry on public policy, 138*
recent changes in Iowa, 139**
"Poppers," *see* Amyl nitrite use
Population density factors, 311
Population studies, *see* Drinkers
Posttraumatic stress disorder (PTSD), *see* Psychological disorders of alcoholism
Predictive power of models
family history of alcoholism, 8
social and coping motives, for alcohol misuse in adolescents, 491-99
for younger drinkers, 605-14
Pregnant drinkers, 431*
applying the TWEAK test to, 306-9
family history and, 287
and knowledge about fetal alcohol syndrome, 835
motivational interviewing of, 285-87
Prenatal ethanol exposure, assessing, 10-11
Preoccupation, defined, 457
Prescription drugs for anxiety or depression
and older drinkers, 345-51
in workplace settings, 264
Prevention
policy issues concerning, 88, 431*
systems approach to community-wide, 431-32*
techniques for, 535
Price sensitivity, for alcohol, 87
Primary Appraisal Measure (PAM), 849
PRIME-1000 project, 654, 659
Problem-behavior theory (PBT), 352-53, 359-60, 480, 487
components of, 254
impact on alcohol use among inner-city Hispanic and black adolescents, 595-604
Problem drinking, *see* Drinking
Problem drinking index (PDI), 123-25
Problem Drinking Scale, 482-83, 485
Profile of Mood States (POMS), 56-57, 131, 134
Project MATCH Research Group, 253-54, 256, 259, 473-74, 476-77, 815

Prolactin, 777, 779-80
Prospective methods, of predicting relapse, 568-69
Prospective studies, 302
Protective factors
  listed, 481
  low acculturation, for some young Hispanics, 719*
  marriage, against suicidal ideation, 426-27
  psychosocial, for adolescent problem drinking, 480-90
  religious attendance, among adolescent drinkers, 301
Psychiatric comorbidity, 258, 654
  modeling effective treatment factors for, 856-66
  schizophrenia, 278-84, 331
    in alcoholic inpatients, 331, 335
    controlling for, 8, 826
  and severity of alcoholism, 200
Psychiatric Diagnostic Interview (PDI), 190, 196-200
  disorder-based syndromatic typology, 193, 197-98
  numerical-based syndromatic typology, 193
  revised (PDI-R), 190
Psychoactive drugs, *see* Central nervous system effects; Prescription drugs for anxiety or depression; individual controlled substances
Psychological disorders of alcoholism (*see also* Prescription drugs for anxiety or depression)
  among adolescent drinkers, of specific beverages, 209-18
  among women, 431*
  antisocial personality disorder (ASPD), 159-61, 167
    in alcoholic inpatients, 330-36
    in alcoholics with social phobia, 473
    measuring, among adolescent drinkers, 237, 240
    and mothers' punitiveness, 639
    parental, and academic achievement in COAs, 22
    in psychiatric patients, 278-84
  anxiety, and mothers' punitiveness, 639
  conduct disorder (CD)
    and age of initiation, 163
    and alcohol dependence, among Native American drinkers, 159-67
    in psychiatric patients, 278-84
  depression, 111-19
    assessing, 698
    correlated with drinking, 111-19, 235
    effect on memory function, 173-74
    and mothers' punitiveness, 639
    parental, and academic achievement in COAs, 22
    recurrent major, controlling for, 8
    and suicidal ideation, 428
  generalized anxiety disorder (GAD), in alcoholic inpatients, 331, 335
  hopelessness, 482
  measuring distress of, 211
  panic disorder, in alcoholic inpatients, 331, 335
  personality disorders (PDs), in inpatient treatment population, 271-77
  posttraumatic stress disorder (PTSD), and mothers' punitiveness, 639
  psychopathy
    in alcoholic inpatients, 330-36
    subtypes of, 336
  stress
    measuring, 482
    motive for drinking
      increasing in postcollegiate life, 225-26
      in younger drinkers, 219-27
    societal, divorce a reflection of, 651
Psychological factors, underlying server intervention policies, 45
Psychological Symptom Index (PSI), 371
Psychopathy Checklist (PCL), 330
  Revised (PCL-R), 330-31, 333-36
Psychosocial interview (PSI), 190, 194-98
Psychosocial well-being
  among adolescent drinkers, transition into problem drinking, 480-90
  among older drinkers, 345-51
  stable correlates of adolescent drinking, 352-61
PsycLIT searches, 91
Puerto Rican drinkers, 65-66, 69
Punitiveness, towards children, and mothers' alcohol and other drug problems, 632-42

Quality of life, *see* Health-related quality of life (HRQL)
Quality of Life Inventory (QOLI), 849
Quantity-frequency (Q-F) indices, 80, 83, 212, 235, 467, 818
  average daily volume (ADV), 540
Quantity measures, 90-93
Quebec Health and Social Survey, 370
Questionnaires, beverage-specific *versus* grouped-beverage questions in, 99-102
Quick Screen interview, 253

Radio immunoassay (RIA), 582, 779
RAND Dependence Scale, 56, 60
Random digit dial (RDD) interviews, 79, 464, 492-93, 868
Randomized clinical trial (RCT) design, 446
Real time reporting, *see* Near real time reporting technology
Reasons for drinking (RFD) instrument, 698
Receiver Operating Characteristic (ROC) curve analysis, 307-8
Recovery Interview (RI), 849
Regional Ethics Committee for Medical Sciences, 875
"Reintegrative shaming," 519
Relapses
  in adolescents, coping with, role of neurocognitive abilities, 500-508
  to alcohol, drugs and nicotine, review of methodologies, 566-76
  to cocaine, relationship to alcohol use, 176-80, 275
  preventing, and avoiding aversive social settings, 97
Reliability analyses, 203-8, 790-99
Religiosity scale, 355
Religious attendance, among adolescent drinkers, 237, 240-41, 295
  protective value of, 301
Remission, *see* Abstinence; Drinking, moderate
Research Diagnostic Criteria approach, 331, 439, 586
Research Institute on Addictions, 246, 539
Research Subjects Review Board (RSRB), 161
Restrained Drinking Scale, 643
Restraint, *see* Drinking
Retrospective methods
  diaries, 756
  difficulties with, 166
  improving accuracy of, 573
  of predicting relapse, 567-68
Rhode Island Community Alcohol Abuse and Injury Prevention Project (CAAIPP), 27-36
Riding with drunk drivers (RWDD), related to drinking-driving, 615-21
Risk-factor model, 695, 698-702
Risk factors, 278-84 (*see also* Suicidal ideation)
  for adolescent problem drinking
    listed, 480-90, 501
    sensation seeking, 622-31
  for college students, reducing, 521-27

genetically mediated variability, in Asian Americans with ALDH2 polymorphisms, 784-89
planned avoidance of, by male drivers, 407-12
Risk taking (*see also* Sexual risk taking)
intoxicated, perceptions of, 59
and preference for drinking spirits, 210
Roadside breath tests, blood alcohol concentrations in, 48, 51-52
Rochester Teacher-Child Rating Scale, 21
Rod and cone temporal processing, 879-83
Rutgers Consequences of Use (RCU) questionnaire, 849-50

Samples of alcoholics, "cleaning," 8
Sampling/importance resampling (SIR) algorithm, 630
Schedule for Affective Disorders and Schizophrenia (SADA), 331
Schedule for Clinical Assessment in Neuropsychiatry (SCAN), 792
Schizophrenia disorders, *see* Psychiatric comorbidity
Secular Organization for Sobriety, 884*
Self-Administered Questionnaire (SAQ), 696, 698
Self-Deception Questionnaire (SDQ), 687-88
Self-Esteem Inventory (SEI), 10, 15
Self-Esteem Scale, 439
Self-evaluation, for improving recognition of alcohol abuse in student drinkers, 685-93
Self-focusing, for reducing alcohol abuse in student drinkers, by improving recognition, 685-93
Self-Rating of the Effects of Alcohol (SRE) form, evaluating in Asian Americans, 784-89
Self-regulation models, 685-93
Self-reporting
by children, 822
corroborating, 285
general critiques of, 571-72
measures using, 204
by parents, 820
by relapsers, 567
of substance abuse, 242
validity of, 729
Semi-Structured Assessment for the Genetics of Alcoholism (SSAGA), 590, 593
Sensation Seeking Scale (SSS), 72, 74-75, 607, 624, 630
Sensitivity, *see* Alcohol tolerance
Serotonin metabolites, low levels of, 776
Serum alanine aminotransaminase (ALT) activity, 590
Serum aminotransferase levels, 140**
Serum aspartate amino-transaminase (AST) activity, 590
Serum gamma-glutamyltransferase (GGT) activity, 589
Serum glucose levels, 582
Serum transaminase levels, 140**
Server intervention policies
cognitive analysis of, 37-46
psychological factors underlying, 45
Services utilization
in comparing CAGE and TWEAK tests, 705-11
lifetime, 867-72
Sexual risk taking
among gay men
intoxicated, 70-79
undergoing substance use disorder treatment, 837-45
impairment in, 54-63
young adults' perceptions regarding, 62-63
Shipley Institute of Living Scale (SILS), 190, 192-200, 848-49
poor predictive validity of, 200
Short Michigan Alcoholism Screening Test (SMAST), adapted, 777-78
SimCom software, 432*
Sip frequency and volume, 90, 94-95
Situational Confidence Questionnaire (SCQ), 439, 849, 860
SMART recovery, 884*
Smoking, and adolescent behavioral development, 293-305
Social factors
alcohol-specific, and alcohol use by children, 362-67
aversive, and risk for relapse, 97
effect on assessing mood, 118
helping men avoid driving drunk, 411-12
impact on alcohol use among inner-city Hispanic and black adolescents, 595-604
integration
confounding drinking-mortality relationship, 740-45
defined, 742-43
mediating wives' convergence with their husbands' alcohol use, 368-77
motives for adolescent drinking, and predicting misuse, 491-99
"warm" *versus* "cold," 97
Social impairment
alcoholics with and without, 472-79
and severity of alcoholism, 200
Socialization of Problem Behavior Project, 353
Social resources
enabling problem drinkers to avoid help-seeking, 121-22
for older drinkers, 345-51
as predictor of seeking help for drinking problems, 120-29
Sociodemographic measures, 192, 312, 424-25
of drug use correlates, among black youths, 802-7
and health-related quality of life, in alcoholics, 653-62
poor predictive validity of, 200
Socioeconomic status (SES)
affecting entrenchment of drinking patterns, 369
causal relationship with drinking, 759-68
controlling for, 9, 246-47, 414
drug use among higher, 297, 301
and moderating effects of gender differences, on relationship between alcohol dependence and family history, 825-32
Spirits
and hazardous drinking, 734
preferred by individuals with risk factors for illness, 210
Stages of Change Readiness and Treatment Eagerness Scale (SOCRATES), 285-86, 686-91, 863
Statistical Package for the Social Sciences (SPSS) software for Windows, 229, 237, 670, 812, 868
Statistics Canada, 468, 868-69
Stress, *see* Psychological disorders of alcoholism
Stress-coping model, of addiction in adolescent drinkers, assessing, 712-18
Stress regulation model, 15
Stroop Test, 848
Structured Clinical Interview for DSM-III-R (SCID), 71-72, 177, 253-54, 279, 307, 323, 337, 477, 778
Patient Edition with Psychotic Screen (SCID-P), 272
Student drinkers
administering, 884-85*
reducing alcohol abuse by, 38
improving recognition, by self-focusing, 685-93
reducing risk for alcohol abuse by, by fraternity and sorority members, 521-27
stress-motivated drinking among, 219-27
Studies (*see also* Animal studies)
computerized, 875
nonresponse rates
accounting for, 166, 236
handling, 625
nosological, 181
and permissions, 526

population, *see* Drinkers
proliferation of, 95
questionnaire design, beverage-specific *versus* grouped-beverage questions in, 99-102
using detailed instruments in, hidden costs of, 756-58
Substance use disorders (*see also* individual controlled substances)
among students, 884-85*
controlling for, 8
and drugs of choice, 273
epidemiology among black youth, 800-809
in inpatient treatment population, 271-77
prevalence of, 293
in psychiatric patients, 278-84
and psychopathy, 334
in alcoholics with and without social phobia, 472-79
and risk of HIV infection, in gay men, 70-77, 837-45
in 12-step treatment, 846-55
Suicidal ideation
among adolescent drinkers, 237, 239
among U.S. drinking population, 422-29
protective effect of marriage, 426-27
SUrvey DAta ANalysis (SUDAAN) software, 238-41, 295, 425, 750, 770
Survival analysis
and age of onset of drinking, 10
cumulative by family type, 11-12
differential, 166
Swedish registries, for young adult alcohol abuse, 7
Symptom Checklist-90-R (SCL-90-R), 190-91, 193, 195-200, 211

T-ACE (Tolerance, Annoyed, Cut Down, and Eye-opener) test, 279, 281, 306
compared with TWEAK test, 307, 309
"Talking about Alcohol and Drugs . . . Among Greeks" (TAAD) program, 521-27
Tardiness, workplace, 262
Taylor aggression paradigm, 322
Telephone interviews, 203-8, 379, 408, 615, 654, 663
random digit dial, 79, 464, 492-93, 868
Temptation and Restraint Inventory (TRI), 643-44
Temptation Coping Questionnaire (TCQ), cross-validating, 712-18
Testosterone, aggressiveness correlated with, 777
Tests of Achievement and Proficiency (TAP), 21
Tiffany's cognitive model, 853
Tilting-plane test, 168-71
Time-Line Follow-Back (TLFB) interviews, 176-80, 307-8, 318, 756-57, 850
Time series analyses, *see* Granger's causality test
Tobacco use, *see* Smoking
Tolerance, *see* Alcohol tolerance
Topologically Integrated Geographic Encoding and Referencing (TIGER) file, 311
Toulouse-Piéron Test, 510-11
Tracometer tests, 677
Trail Making Test, 503, 848, 852
Training for Intervention Procedures by Servers of Alcohol (TIPS) program, 37-38
Treatment (*see also* Services utilization)
amounts of
and effects of different problem criteria, 463-66
and outcomes in previously untreated alcoholics, 437-47
and domestic violence, before and after, 317-21
long-term, and outcomes in previously untreated alcoholics, 437-47
minority representation in, 810-16
outcomes, 681
among dual diagnosis patients, modeling treatment factors, 856-66
among gay men, changes in sexual risk-taking, 837-45
in inpatient treatment populations, 271-77
in 12-step treatment programs, 846-55
in outpatient treatment centers, 122
intensive rehabilitation, 176-77
predictors of seeking, social resources, 120-29
referral recommendations, 339
of women, 431*
Treatment institutions, personality disorders (PDs) in, 271-77
Treatment Outcome Prospective Study (TOPS), 859
Tridimensional Personality Questionnaire (TPQ), 777-78, 782
Tromsø data set, 111-19
TWEAK (Tolerance, Worry, Eye-opener, Amnesia and Cut Down on Drinking) test, 279, 281
applying in prenatal setting, 306-9
compared with CAGE test, 705-11
compared with T-ACE test, 307, 309
components of, 306
12-step treatment, 846-55, 859 (*see also* individual programs)
Twin studies, 293-305, 653-62
adjusting for zygosity, 658-59
Type A *versus* Type B alcoholics, 189

UChA and UChB rats, 168-71
Uniform Crime Reports, 517, 528
Unprotected sexual intercourse, *see* Sexual risk taking

Validity, *see* Clinical validity
Value on Achievement scale, 355
Value on Independence scale, 355
Veterans Affairs hospitals, *see* Department of Veterans Affairs (VA) Medical Centers
Veterans Affairs Patient Treatment File (PTF), 858-59
Victim impact panels (VIPs), impact on DUI/DWI rearrest rates, 514-20
Victimization (*see also* Domestic violence)
of mothers, and their punitiveness towards children, 633-34
role of alcohol in, 528-36
Videotaped interviews, 71
Videotaped stimuli, 60, 91-92
Vietnam Era Twin (VET) Registry, 654, 660
Violent behavior, *see* Assaults; Domestic violence; Homicide rates; Psychological disorders of alcoholism
Virginia Twin Study of Adolescent Behavioral Development (VTSABD), 293-305

Wechsler Adult Intelligence Scale-Revised Vocabulary Scale (WAIS-R), 131
Wechsler Intelligence Scale for Children–Revised (WISC-R), 503, 510-11
WESVAR statistical package, 79, 733
WHO/NIH Cross-Cultural Applicability Research Project, 448-62
Wide Range Achievement Test, 18
Widmark *r* factors, 403
Wilde Intelligence Test (WIT), 173-74
Wine drinking
hazardous, 734
heavy, 467-71
preferred by female drinkers, 210
Wine-growing Mediterranean cultures
definitions of sobriety within, 449
prevalence of consumption within, among adolescent drinkers, 228-33

Wisconsin Card Sorting Test (WCST), 511, 848, 852
Wisconsin Training Program, 38
Withdrawal
  defined, 453
  symptoms following treatments with benzodiazepines, 546
Women (*see also* Child-rearing; Pregnant drinkers)
  alcohol abuse among, 430-31*
  with alcohol or other drug problems (AOD), and punitiveness toward their children, 632-42
  converging with husband's alcohol use, mediated by social conditions, 368-77
  development of alcoholism, "telescoped" among, 252-60
  helping men avoid driving drunk, 411-12
  and peak ethanol concentrations, shifting with menstrual cycle, 107
  preference for wine, 210
  sip volume in, 96
  vulnerability to victimization, 534-35
  in the workplace, effect on drinking in, 766
Work performance
  employee drinking practices and, 261-70
  sleeping on the job, 268
Workplace drinking
  and alcohol availability, 383-93
  controlling, 269
  defining, 263
  effect of women at work, 766
  and grievances, 392
Worksite Alcohol Project, 262
World Bank, 720*
World Health Organization (WHO), 113, 181, 229, 448, 720*, 732-33
  Working Group on Population Levels of Alcohol Consumption, 740

Younger drinkers (*see also* Student drinkers)
  drinking-driving related to riding with drunk drivers, 615-21
  epidemiology of substance abuse among black, 800-809
  identifying for intervention, 167
  measuring problem drinking among, 234-44
  price sensitivity of, 87
  problem drinking among, 605-14
  stress as motive, 219-27
Youth Alcohol Survey, 616
Youth Perception Inventory, 607